

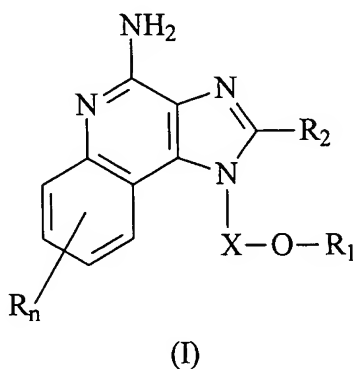
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-52 (canceled)

53 (new) A method of treating a neoplastic disease in an animal in need thereof comprising administering to the animal an effective amount of a compound of the formula (I):



wherein: **X** is $-\text{CHR}_3-$, $-\text{CHR}_3\text{-alkyl-}$, or $-\text{CHR}_3\text{-alkenyl-}$;

R₁ is selected from the group consisting of:

- heteroaryl;
- heterocyclyl;
- R₄- heteroaryl; and
- R₄-heterocyclyl;

R₂ is selected from the group consisting of:

- hydrogen;
- alkyl;
- alkenyl;
- aryl;
- heteroaryl;
- heterocyclyl;
- alkyl-Y-alkyl;
- alkyl-Y- alkenyl;

-alkyl-Y-aryl; and
- alkyl or alkenyl substituted by one or more substituents selected from the group consisting of:
-OH;
-halogen;
-N(R₃)₂;
-CO-N(R₃)₂;
-CO-C₁₋₁₀ alkyl;
-CO-O-C₁₋₁₀ alkyl;
-N₃;
-aryl;
-heteroaryl;
-heterocyclyl;
-CO-aryl; and
-CO-heteroaryl;

R₄ is alkyl or alkenyl, which may be interrupted by one or more –O– groups;

each **R₃** is independently H or C₁₋₁₀ alkyl;

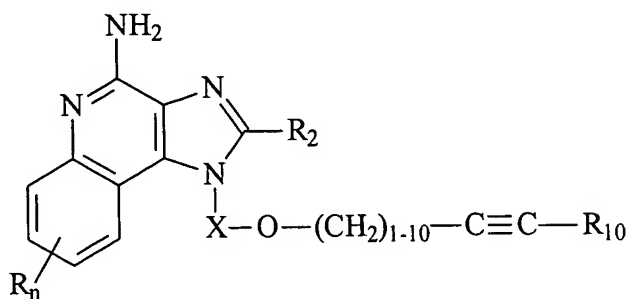
each **Y** is independently –O– or –S(O)₀₋₂–;

n is 0 to 4; and

each **R** present is independently selected from the group consisting of C₁₋₁₀ alkyl, C₁₋₁₀ alkoxy, hydroxy, halogen and trifluoromethyl;

or a pharmaceutically acceptable salt thereof, that induces cytokine biosynthesis.

54. (new) A method of treating a neoplastic disease in an animal in need thereof comprising administering to the animal an effective amount of a compound of the formula (II):



(II)

wherein: **X** is $-\text{CHR}_3-$, $-\text{CHR}_3\text{-alkyl-}$, or $-\text{CHR}_3\text{-alkenyl-}$;

R₁₀ is selected from the group consisting of heteroaryl and heterocyclyl;

R₂ is selected from the group consisting of:

- hydrogen;
- alkyl;
- alkenyl;
- aryl;
- heteroaryl;
- heterocyclyl;
- alkyl-Y-alkyl;
- alkyl-Y-alkenyl;
- alkyl-Y-aryl; and
- alkyl or alkenyl substituted by one or more substituents selected from the group consisting of:
 - OH;
 - halogen;
 - $-\text{N}(\text{R}_3)_2$;
 - $-\text{CO}-\text{N}(\text{R}_3)_2$;
 - $-\text{CO}-\text{C}_{1-10}$ alkyl;
 - $-\text{CO}-\text{O}-\text{C}_{1-10}$ alkyl;
 - $-\text{N}_3$;
 - aryl;
 - heteroaryl;

-heterocyclyl;
 -CO-aryl; and
 -CO-heteroaryl;

n is 0 to 4;

each **R**₃ is independently H or C₁₋₁₀ alkyl;

each **Y** is independently -O- or -S(O)₀₋₂-; and

each **R** present is independently selected from the group consisting of C₁₋₁₀ alkyl, C₁₋₁₀ alkoxy, hydroxy, halogen and trifluoromethyl;

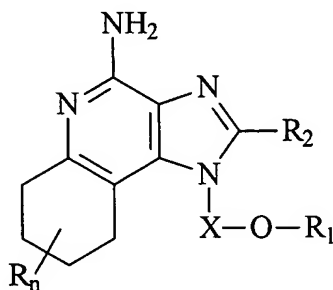
or a pharmaceutically acceptable salt thereof, that induces cytokine biosynthesis.

55. (new) A method of treating a neoplastic disease in an animal in need thereof comprising administering to the animal an effective amount of a compound selected from the group consisting of:

1-(2-([3-(isoquinolin-4-yl)-2-propynyl]oxy)ethyl)-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
 1-(2-([3-(1,3-thiazol-2-yl)-2-propynyl]oxy)ethyl)-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
 1-{2-[3-(1*H*-4-pyrazolyl)propoxy]ethyl}-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
 1-[2-(3-pyrimidin-2-ylpropoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
 1-[2-(3-pyridin-4-ylpropoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
 1-[2-(3-pyridin-2-ylpropoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
 1-{2-[3-(1,3-thiazol-2-yl)propoxy]ethyl}-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
 1-[2-(3-pyridin-3-ylpropoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
 1-[2-(3-pyrimidin-5-ylpropoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
 1-{2-[(1-benzyl-1*H*-1,2,3-triazol-4-yl)methoxy]ethyl}-1*H*-imidazo[4,5-*c*]quinoline-4-amine;
 1-{2-[(1-benzyl-1*H*-1,2,3-triazol-5-yl)methoxy]ethyl}-1*H*-imidazo[4,5-*c*]quinoline-4-amine;
 1-[2-({1-[(phenylsulfanyl)methyl]-1*H*-1,2,3-triazol-4-yl}methoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinoline-4-amine;
 1-[2-({1-[(phenylsulfanyl)methyl]-1*H*-1,2,3-triazol-5-yl}methoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinoline-4-amine;
 1-[2-(benzo[*b*]furan-2-ylmethoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;

1-[2-(pyridin-3-ylmethoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-[2-(pyridin-2-ylmethoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-[2-(pyridin-4-ylmethoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-{2-[(3,5-dimethylisoxazol-4-yl)methoxy]ethyl}-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-(2-{[3-(pyrimidin-2-yl)-2-propynyl]oxy}ethyl)-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-(2-{[3-(pyrid-4-yl)-2-propynyl]oxy}ethyl)-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-(2-{[3-(fur-3-yl)-2-propynyl]oxy}ethyl)-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
4-{3-[2-(4-amino-1*H*-imidazo[4,5-*c*]quinolin-1-yl)ethoxy]-propyn-1-yl}
thiophen-2-ylcarboxaldehyde;
1-(2-{[3-(pyrid-2-yl)-2-propynyl]oxy}ethyl)-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-{2-methyl-1-[(pyrid-2-yloxy)methyl]propyl}-1*H*-imidazo[4,5-*c*]quinoline-4-amine;
1-{1-[(pyrid-2-yloxy)methyl]propyl}-1*H*-imidazo[4,5-*c*]quinoline-4-amine;
1-[2-(9*H*-carbazol-3-yloxy)propyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-{2-[(3-thien-2-ylprop-2-ynyl)oxy]ethyl}-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-{2-[(1-methyl-1*H*-indol-2-yl)methoxy]ethyl}-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-[2-(3-thien-2-ylpropoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
2-methyl-1-[2-(3-pyridin-3-ylpropoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinoline-4-amine;
2-butyl-1-[2-(3-pyridin-3-ylpropoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinoline-4-amine;
1-[2-(tetrahydrofuran-2-ylmethoxy)propyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-{2-[(5-chloro-1-benzothien-3-yl)methoxy]propyl}-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-{2-[(3-nitropyridin-2-yl)oxy]propyl}-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-(2-methyl-1-{[(3-nitropyridin-2-yl)oxy]methyl}propyl)-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-(1-{[(5-chloro-1-benzothien-3-yl)methoxy]methyl}-2-methylpropyl)-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
2-(2-methoxyethyl)-1-[2-(3-pyridin-3-ylpropoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine; and
2-methyl-1-[2-(3-pyridin-3-ylpropoxy)ethyl]-6,7,8,9-tetrahydro-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
or a pharmaceutically acceptable salt thereof.

56. (new) A method of treating a neoplastic disease in an animal in need thereof comprising administering to the animal an effective amount of a compound of the formula (III):



(III)

wherein: X is $-\text{CHR}_3-$, $-\text{CHR}_3\text{-alkyl-}$, or $-\text{CHR}_3\text{-alkenyl-}$;

R_1 is selected from the group consisting of:

- heteroaryl;
- heterocyclyl;
- $-\text{R}_4\text{-heteroaryl}$; and
- $-\text{R}_4\text{-heterocyclyl}$;

R_2 is selected from the group consisting of:

- hydrogen;
- alkyl;
- alkenyl;
- aryl;
- heteroaryl;
- heterocyclyl;
- alkyl-Y-alkyl;
- alkyl-Y-alkenyl;
- alkyl-Y-aryl; and
- alkyl or alkenyl substituted by one or more substituents selected from the group consisting of:
 - OH;
 - halogen;

$-N(R_3)_2$;
 $-CO-N(R_3)_2$;
 $-CO-C_{1-10}$ alkyl;
 $-CO-O-C_{1-10}$ alkyl;
 $-N_3$;
 -aryl;
 -heteroaryl;
 -heterocyclyl;
 $-CO$ -aryl; and
 $-CO$ -heteroaryl;

R_4 is alkyl or alkenyl, which may be interrupted by one or more $-O-$ groups;

each R_3 is independently H or C_{1-10} alkyl;

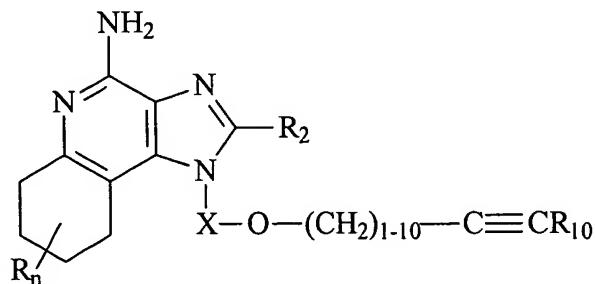
each Y is independently $-O-$ or $-S(O)_{0-2}-$;

n is 0 to 4; and

each R present is independently selected from the group consisting of C_{1-10} alkyl, C_{1-10} alkoxy, hydroxy, halogen and trifluoromethyl;

or a pharmaceutically acceptable salt thereof, that induces cytokine biosynthesis.

57. (new) A method of treating a neoplastic disease in an animal in need thereof comprising administering to the animal an effective amount of a compound of the formula (IV):



(IV)

wherein: X is $-CHR_3-$, $-CHR_3$ -alkyl-, or $-CHR_3$ -alkenyl-;

R_{10} is selected from the group consisting of heteroaryl and heterocyclyl;

R₂ is selected from the group consisting of:

- hydrogen;
- alkyl;
- alkenyl;
- aryl;
- heteroaryl;
- heterocyclyl;
- alkyl-Y-alkyl;
- alkyl-Y-alkenyl;
- alkyl-Y-aryl; and
- alkyl or alkenyl substituted by one or more substituents selected from the group consisting of:

- OH;
- halogen;
- N(R₃)₂;
- CO-N(R₃)₂;
- CO-C₁₋₁₀ alkyl;
- CO-O-C₁₋₁₀ alkyl;
- N₃;
- aryl;
- heteroaryl;
- heterocyclyl;
- CO-aryl; and
- CO-heteroaryl;

each **R₃** is independently H or C₁₋₁₀ alkyl;

each **Y** is independently -O- or -S(O)₀₋₂-;

n is 0 to 4; and

each **R** present is independently selected from the group consisting of C₁₋₁₀ alkyl,

C₁₋₁₀ alkoxy, hydroxy, halogen and trifluoromethyl;

or a pharmaceutically acceptable salt thereof, that induces cytokine biosynthesis.